us-09-455-486-6.rai

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314 MVHVAYSECLPMRRSERYLFLNMAYQOVHANIENSWNEEEVWRIEMYISFGIMSLGLLSL 373
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MMEDIATE SOURCE:
LIBRARY: PROSTUT10
CLONE: 1691243
US-09-083-521-1
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STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
Matches 141; Conserv
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US-09-083-521-1
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578.602 Million cell updates/sec
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                                                                                                                                                                                                                                                 MESISMMGSPKSLSETCLPN.....ALVLPSIVILDLLQLCRYPD 45
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Sequence 3,
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                                                                                                                               March 14, 2001, 16:12:15; search time 14.09 seconds
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    /tgn2_6/ptodata/2/laa/5A_COMB.pep:*
    /cgn2_6/ptodata/2/laa/5B_COMB.pep:*
    /cgn2_6/ptodata/2/laa/6_COMB.pep:*
    /cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
    /cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
    /cgn2_6/ptodata/2/laa/backfiles1.pep:*
                   GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.
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US-08-460-576-2
US-08-4974A-3
US-07-841-997A-3
US-08-588-981-2
US-08-588-981-2
US-08-651-999A-7
US-08-476-900A-9
US-08-476-900A-9
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US-08-483-094-2
US-08-805-118-3
US-08-348-006B-7
US-08-800-825A-7
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US-08-580-545B-2
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US-08-488-546A-6
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Perfect score:
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Maximum DB
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Sequence 2, Appendence 9, Appendence 14, Pequence 14, Sequence 3, Appendence 6, Appendence 2, Append
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Sequence 3, Al
Sequence 20,
Sequence 2, Al
Sequence 10,
Sequence 10,
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APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: PROSTATE GROWTH-ASSOCIATED MEMBRANE PROTEINS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/09/083,521
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                                   US-08-724-394A-9
US-08-968-563.14
US-08-969-6838-14
US-08-473-553A-6
US-08-473-553A-6
US-08-473-553A-6
US-08-707-340-4
US-08-318-492-4
US-08-916-902A-3
US-08-916-902A-3
US-08-916-902A-3
US-09-213-389-3
US-09-213-389-3
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US-08-405-496A-10
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3174 PORTER DRIVE
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NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFRENCE/DOCKET NUMBER: PF-O
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 845-4166
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
STRANDEDNESS: single
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LOCATION: 350
IDENTIFICATION
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; LOCATION:
US-08-487-886-2
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                                                             61 LAVISIPSVSNALMWREFSFIQSTLGYVALLISIFHVLIYGWKRAFEEEYYRFYIPPNFV 120
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1 MVHVAYSLCLPMRRSERYLFLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSL 60
                                       374 LAVTSIPSVSNALNWREFSFIOSTLGYVALLISTRHVLIYGWKRAFEEEYYRFYTPPNFV
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COMPUTER: 18M PS/2, model 55 SX
OPERATING SYSTEM: MS-DOS version 4.0
SOFTWARE: VAX/VMS MASS11 via Kermit to IBM MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,886
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: 07/670,085
FILING DATE: 15-MRR-1991
APPLICATION NUMBER: 07/670,085
FILING DATE: 15-MRR-1991
ATONNEY/AGDHT INFORMATION:
NAME: WILLIAMS, Stephan P.
REGISTRATION NUMBER: 28846
REGISTRATION NUMBER: 28846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.5" diskette, I.44 MB, high density
                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Kelton, Christie Ann
APPLICANT: Schweickhardt, Reen Lynn
APPLICANT: Cheng, Shirley Vul Yen
APPLICANT: Nugent, No. 5744448een Patrice
TITLE OF INVENTION: Human Follicle Stimulating
TITLE OF INVENTION: Hormone Receptor
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NAME/KEY: putative transmembrane region I
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ADDRESSEE: Ares-Serono, Inc.
STREET: Exchange Place, 37th floor
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DENTIFICATION METHOD: hydrophobic
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 723-170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: transmembrane domain
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Patent No. 5744448
                                                                                                                                                 121 LALVLPSIVILDLLQLCRYPD 141
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TELEFAX: (617) 723-8923
INFORMÁTION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
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MOLECULE TYPE: protein
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CORRESPONDENCE ADDRESS:
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US-08-487-886-2
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protein-coupled receptor transmembrane reglons, hydrophoble, about 20-23 amino acids in length
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protein-coupled receptor transmembrane regions,
hydrophobic, about 20-23 amino acids in length
                                                            transmembrane regions, amino acids in length
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     similarity to other G protein-coupled receptor transmembrane regions, protein-coupled receptor transmembrane regions, hydrophobic, about 20-23 amino acids in length
                                                                                                                                                                                                                                                                          amino acids in length
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           190 ---FNGTQLDELNLSDNNNLEELPNDVFHGASGPVILDISRTRIHSLPSYGLENLKKLRA 246
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   247 RSTYNLKKLP-----TLEKLVALMEASLTYPSHCCAFANWRRQISELHPICNKSILRQE 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ----PPWLETWLQCRKQL 305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ---YSLCLPMRRSERYLFLNMAYQQVHANIEN 347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -----KILIDVSNNMR 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         122 INOYPESNAEYLASLFPDSLIVKGFNVVSAWALQLGPKDASRQVYICSNNIQARQOVIEL 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 182 ARQLNFIPIDLGSLSSAREIENLPLRLFTLWRGPVVVAISLATFFFLYSFVRDVIHPYAR 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ...-- 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels 185; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 695;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     157 IH-----TIERNSFVGLSFESVILWL----NKNGIQEIHNCA--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         putative carboxy-terminal intracellular
                            similarity to other G
protein-coupled receptor
hydrophobic, about 20-23
                                                                                                                                                                                                                                              protein-coupled receptor hydrophobic, about 20-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    77; Mismatches 148;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   79 HEDALTKINIIFVAIHREHYTSLWDLRHLLVG------
                                                                                                                                                                                                              similarity to other G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      similarity to other G
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                                                                                                                                                                                                                                                                                                                                      putative transmembrane region III
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              putative transmembrane region VII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: putative transmembrane region IV LOCATION: 469 to 491
IDENTIFICATION METHOD: similarity to other IDENTIFICATION METHOD: protein-coupled receIDENTIFICATION METHOD: hydrophobic, about 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               putative transmembrane region VI
                                                                                                                                                     transmembrane region II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 4.6%; Score 107.5; DB Best Local Similarity 17.0%; Pred. No. 0.011; Matches 84: Conservative 77; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: putative transmembrane region V LOCATION: 512 to 533
IDENTIFICATION METHOD: similarity to other IDENTIFICATION METHOD: protein-coupled recIDENTIFICATION METHOD: hydrophobic, about
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               272 -----LAGLLAAAYQLYYGTKYRF----
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                                                                                                                                              NAME/KEY: putative tran:
LOCATION: 382 to 404
LDENTIFICATION METHOD: 1
LDENTIFICATION METHOD: 1
LDENTIFICATION METHOD: 1
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IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
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IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
to 370
METHOD:
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                                                                                                                                                                                                                                                                                                                                                                LOCATION: 427 to 448 IDENTIFICATION METHOD:
                                                            IDENTIFICATION METHOD: IDENTIFICATION METHOD:
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IVIVILTISOXKLIVPRFLMCNLAFAD A08	CIT CITANDELLE CONTROL SOO STANDELLE CALLON METHOD:	GAGCDAAGFFTVFASEL 455	; IDENTIFICATION METHOD: similarity to ; IDENTIFICATION METHOD: protein-coupl	515 ; EI	ative tran to 404	; IDENTIFICATION METHOD: SIMILARITY CC ; IDENTIFICATION METHOD: Protein-coupl ; IDENTIFICATION METHOD: hydrophobic,	; FEATURE: ; NAME/KEY: putative transmembrane rec	482855 ; IDENTIFIC		ie Ann FEATURE:	Vul Yen , LOODING , LOODIN	2.015een Patrice ; IDENTIFICATION METHOD: Pollicle Stimulating ; IDENTIFICATION METHOD:	IDENTIFICATION METHOD: hydrophoblc, Frantibe.		Inc.	37th floor		; NAME/KEY: putative transmembrane rec	DENTIFICAT	kette, 1.44 MB, high density ; IDENTIFICATION METHOD: protein-coup. odel 55 SX ; IDENTIFICATION METHOD: hydrophobic.	Sion 4.0	VALUE CO TRA WA-DOS	2,855 JDENTIFICATION	; IDENTIFICATION	0,085 . FEATURE:	I NAME/KEY: domain	, bucallum; els co e/8	R: US/252	ATION: Query Match 4.6%; Score 107 1300	Matches 84; Conservative 7	. 2 Oy 79 HEDALTKTNIIFVAIHREHYTSLWDLRHLLVG-	40	0	OY 122 INQYPESNAEYLASLFPDSLIVKGFNVVSAWAL	Dp 151	hydrophobic Qy 182 ARGLNFIPIDLGSLSSAREIENLPLRLFTLWRG	terminal ovtracellular domaie	מבייינים בייני מכתודים מו מפוים דו מפים דו מפים דו מפים דו מפים דו מפים דו מפוים דו מפים דו מפים דו מפים דו מפים דו מפים	SIMILATILY WITH OTHER SIMILATILY WITH OTHER GIVEN THE PROPERTY IN THE PROPERTY OF THE PROPERT	Jogia in	217 60
GYNILRVLIWFISILAITGNIIVLVILTT		. ; ; ; ; ; ; ; ;	GYVALLISTFH	: : : SVYTLTAITLERWHTITHAMQLDCKVQLR	LVLPSIVILDLIQL 449	: : 516 516 ICLPMDIDSPLSQL 529	255-2	pplication US/08	Patent No. 6121016 GENERAL INFORMATION:	, christ	ANT: Cheng, Shirley Vul Yen	APPLICANT: Nugent, No. 6121016een TITLE OF INVENTION: Human Follich	OF INVENTION: Hormone Receptions of Section 2	PONDENCE ADDRESS:	ADDRESSEE: Stephan F. Williams, ADDRESSEE: Ares-Serono, Inc.		CIII: BOSCON STATE: MA	COUNTRY: USA 2IP: 02109	TER READABLE FORM:	IUM TYPE: 3.5" diskette, 1.4. PUTER: IBM PS/2, model 55 SX	AATING SYSTEM: MS-DOS version	WARE: VALVES MASSII VIA NE VI APPLICATION DATA:	APPLICATION NUMBER: US/08/482,8 FILING DATE: 07-JHN-1995	SSIFICATION: 435	APPLICATION DATA: APPLICATION NUMBER: 07/670,085	ING DATE: 15-MAR-1991	NAME: Williams, Stephan P.	REFERENCE/DOCKET NUMBER: US/252	TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 723-1300	SFAX: (617) 723-8923	HARACTERISTICS:	LENGTH: 695 TYPE: Amino acid	TOPOLOGY: Linear	MOLECULE TYPE: protein FEATURE:	NAME/KEY: signal sequence	ION: -17 to -1 IFICATION METHOD:	: KEV: purative amin	ATION: 1 to 349	IFICATION METHOD: IFICATION METHOD: IFICATION METHOD:	: KEY: transmembrane	LOCATION: 350 to 613
361 6			399 6	456 S	436 L	: 516 I	RESULT 3	sequence	patent No GENERAL	APPLIC	APPLIC	APPLIC	TITLE	CORRES	ADDR	STRE	STAT	COUN 2 I P:	COMPUT	COMP	OPER	CURREN	APPL	CLAS	APPI	FILI	NAME	REFE	TELECC	TELE	SEQUEN	LENGI	TOPO	MOLECULE FEATURE:	NAME	IDE	FEATURE NAME/	LOCA	IDEN IDEN	FEATURE NAME/	LOCA
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pled receptor transmembrane regions,
, about 20-23 amino acids in length
to other G. Pled receptor transmembrane domains
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|----NKNGIQEIENCA----- 189
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NTGIKHLPDVHKIHSLQKVLLDIQDNIN 156
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|GPVILDISRTRIHSLPSYGLENLKKLRA 246
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0: 0.011;
ntches 148; Indels 185; Gaps
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                                                                                                                                                                                                                                                                             egion III
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                                                      egion I
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Indels
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APPLICATION NOMBER: US/08/460,576
FILING DATE:
CLASSIFICATION: 435
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4.1%; Score 97.5; DB 3;
Best Local Similarity 21.3%; Pred. No. 0.053;
Matches 45; Conservative 39; Mismatches 72;
                                                                                                                                                                                                                                                                                                                                                                   STATE: D.C. SUITE 300 STATE: D.C. STATE: D.C. STATE: USA
                                                                                                                            288 HYPIQAWQRAI--NYYRFLVGFLFPICLLLAS 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         271 RSTYNLKKLP-----TLEKLVALMEASLTY 295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  242 NQQSDFYKIPIEIVNKTL-PIVAITLLSLVY 271
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                                                                                                409 HVLIYGWKRAFEEEYYRFYTPPNFVLALVLPS
                    374 LAVTSIPSVSNALNWREFSFIQSTLGYVA --
                                                                                                                                                                                                                                     Sequence 2, Application US/08450576
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SI
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TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                                                                                                                                                                         Patent No. 6033903
GENERAL INFORMATION:
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                                                                                                                                                                                                                US-08-460-576-2
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                                                                                                                                           456 SVYTLTAITLERWHTITHAMQLDCKVQLRHAASVMYMGWIFAFAAALFPIFGISSYMKVS 515
301 VDYMTQTRGQRSSLAEDNESSYSRGFDMTYTEFDYDLCNEVVDVTCSPKPDAFNPCEDIM 360
                                                           | :| :| :| :| 361 GYNILRVLIWFISILAITGNIIVLTTSQYKUTVP-----RFLMCNLAFAD----- 408
                                                                                                                348 SWINEEEVWRIEMYISFGIMSLGLLSLLAVTSIPSVSNALNWRE------FSFIQSTL 398
                                                                                                                                                                                              -----VLIYGWKRAFEEEYYRFYTPPNFV-LA 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   314 MVHVAYSLCLPMRRSERYLFLNMAYQQVHANIENSWNEEFVWRIEMYISFGIMSLGLLSL 373
                                      --YSLCLPMRRSERYLFLNMAYQQVHANIEN 347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       255 VNKTL-PIVAITLLSLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFA 313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                178 VADLFYICSLPFW-----LOYVLQHDNWSHGDLSCQVCGILLYENIYI-SVGFLCC 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Derk J. Bergsma, Catherine E. Ellis
TITLE OF INVENTION: A No. 5912335el G-Protein Coupled Receptor
TITLE OF INVENTION: HUVCT36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4.2%; Score 99; DB 2; Length 531; 22.6%; Pred. No. 0.059;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOFTWARE: WORDPERFECT 5.1 COTREMY APPLICATION DATA:
APPLICATION NUMBER: US/08/724,974A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  37; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/08724974A Patent No. 5912335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: October 3, 1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34,344
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                                                                                                                                                                                              399 G---YVALLISTFH-----
                                      306 G----LLSFFFAMVHVA--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 22.6
Matches 48; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 610 270 5090 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: William T. Han
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                           436 LVLPSIVILDLLQL 449
                                                                                                                                                                                                                                                                                                      : I | : | | | 516 ICLPMDIDSPLSQL 529
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19406-0939
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-08-724-974A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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APPLICANT: SISK, William P.
TITLE OF INVENTION: A METHOD OF EXPRESSING AND SECRETING
TITLE OF INVENTION: SOLUBLE EXTRACELLULAR DOMAINS OF HUMAN GONADOTROPIN
TITLE OF INVENTION: HORMONE RECEPTORS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        228 ISVDRYLAVAHPPRFHQFRTLKAAVGVSVVIWAKELLTSIYFLMHEEVIEDENOHRVCFE 287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        214 ---FNGTQLDELNLSDNNNLEELPNDVFHGASGPVILDISRTRIHSLPSYGLENLKKLRA 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         122 INQYPESNAEYLASLFPDSLIVKGFNVVSAWALQLGPKDASRQVYICSNNIQARQQVIEL 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         182 ARQLNFIPIDLGSLSSAREIENLPLRLFTLWRGPVVVAISLATFFFLYSFVRDVIHPYAR 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ---KILIDVSNNMR 121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 390;
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----WRGPVV---VAISLATFFFLYSFVRDVIHPYARNQOSDFYK---IPIEIVNKTLP 260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      80 EDALTKTNIIFVAIHRE----HYTS-----LWDLRHLLVGKILIDVSNNMRINQYPESNA 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  80 KDLLEKFNAVPIFLSDEIADLHYNGFSNSILWPLFHYHPGEINFD--ENAWFG-YNEANQ I36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ---EYLASLFPDSL1VKGF----NVVSAWALQLGPKDASRQVY 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   321 LCLPMRRSERYL -- FLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTS 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         137 TFTNEIAKTMNHNDLIWVHDYHLMLVPEMLRVKIHEKQLQNVKVGWFLH--TPFPSSEIY 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : ||::::
---RILPVRQEILKGVLSCDLVGFHTYDYARHFLSSVQRVLNVNTLPNGVEYQGRFVNVG 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            --IENLPLRLFTL---- 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        312 NEHPEWRGKVVLVQVAVPSRGDVEEYQYLRSVVNELVGRINGOFGTVEFVPIHFMHKSIP 371
TITLE OF INVENTION: of organisms by transforming them with the TITLE OF INVENTION: structural genes for the short and long chains NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -----LAROLNF------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3.8%; Score 89.5; DB 1; Length 495;
17.8%; Pred. No. 0.53;
tlve 53; Mismatches 145; Indels 185;
                                                                                                                                                                                                                                                                                                                               SOFTWARE: WP5.1 file exported as DOS text file CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5; DB 1;
0.53;
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                                                                                                                                                                                                                                                                                                                                                                             US/07/841,997A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: February 14, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                372 FEELISLYAVSDVCLVSST------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 07/836,021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     167 ICSNNIQARQQVIE------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION:
                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          34409
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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Yes
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(202)887-0357
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AMINO ACID
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                                                                                                                                                                                                                                                                                    IBM PC/XT/AT
                                                                                                                                                                                                                                                                                                                                                                                             19920228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Mary E. Gormley
                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 19920226
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                         ADDRESSEE: Alko Ltd.
STREET: PO Box 350
CITY: Helsinkl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       188 ---IPIDLGSLSSARE-
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
                                                                                                                                                                                              COUNTRY: Finland
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                                                                                                                                                                                                                        SF-0010
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HYPOTHETICAL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     65 VADLFYICSLPFW-----LQYVLQHDNWSHGDLSCQVCGILLYENIYI-SVGFLCC 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    255 VNKTL-PIVALTLISLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFA 313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19 IHQTLAPVVYTVL-----VVGFPANCLSLXFG------XLQ--IKARNELGVYLCNLT 64
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Patcht No. 5422254
GENERAL INFORMATION:
APPLICANT: Londesborough, John
APPLICANT: Vuorlo, Outi
TITLE OF INVENTION: A method to increase the trehalose content
                                                         Sequence 3, Application US/08724974A
Patent No. 5912335
GENERAL INFORMATION:
APPLICANT: DETAY: Bergsma, Catherine E. Ellis
TITLE OF INVENTION: HUVCT36
TITLE OF INVENTION: HUVCT36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 2; Length 365:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          76; Indels
                                                                                                                                                                                                                                                                                                               STAAL.
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, I.44 Mb STORAGE
COMPUTER: IBM 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                374 LAVTSIPSVSNALNWREFSFIQSTLGYVA-----LLISTF-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 4.0%; Score 93; DB 2; Best Local Similarity 22.2%; Pred. No. 0.14: Matches 47; Conservative 37; Mismatches
                                                                                                                                                                                                                                        ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      409 HVLIYGWKRAFEEEYYRFYTPPNFVLALVLPS 440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      175 HYPIQAWQRAI -- NYYRFLVGFLFPICLLLAS 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/724,974A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: October 3, 1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: William T. Han
REGISTRATION NUMBER: 34,344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REPERENCE/DOCKET NUMBER: A TELECOMMUNICATION INFORMATION TELEPHONE: 610 270 5024 TELEFAX: 610 270 5090
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 5.1 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                 King of Prussia
                                                                                                                                                                                            NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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                  RESULT 6
US-08-724-974A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-724-974A-3
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                                                                                                                                                                                                                                                                                      CITY:
STATE:
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                                                                                                                                                                                                                                                                                                                                                                       261 IVAITLLSLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFAMVHVAYS 320
  372 FEELISLYAVSDVCLVSST-----EVI 402
                                                                                                                                                                                                                      252 AFPIGIDVDKFTDGLKKESVQKRIQQLKETFKGCKIIVGVDRLDYIKGVPQKLHAMEVFL 311
                                                                                                                                                                                                                                                                                                                      312 NEHPEWRGKVVLVQVAVPSRGDVEEYQYLRSVVNELVGRINGQFGTVEFVPIHFMHKSIP 371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     321 LCLPMRRSERYL--FLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTS 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     --AINEALT 447
                                                                                                                       195 ---RILPVRQEILKGVLSCDLVGFHTYDYARHFLSSVQRVLNVHTLPNGVEYQGRFVNVG 251
                                                                                                                                                                     188 ---IPIDLGSLSSARE------ 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels 185; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   379 IPSVSNALNWREFSFIQSTLGYVALLISTFHVLIYGWKRAFEEEYY 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  448 LPDVKKEVNW-----EKLYKYISKYTSAF-----WGENFVHELY 481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTAM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         403 ACQEEKKGSLILSEFTGAAQSLNGAIIVNPWNTDDLSD-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Christopher B. Newgard, et al.
TITLE OF INVENTION: Methods and Compositions
TITLE OF INVENTION: for Inhibiting Hexokinase
CORRESPONDENCE: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Fussey, Shelley P.M.
REGISTRATION NUMBER: 39,458
REFERENCE/DOCKET, NUMBER: UTSD:424/FUS
TELECOMMUNICATION INFORMATION:
TELEFHONE: (512) 474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/588.983 FILING DATE: Concurrently herewith CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AUNKESSEE: Arnold, White & Durkee STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08588983
Patent No. 5854067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 495 amino acids TYPE: amino acid
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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STATE: TX
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-588-983-2
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                                                                                                                                                                                                                                                                                                                                        APPLICANT: Welin, Bjorn
APPLICANT: walin, Bjorn
TITLE OF INVENTION: Increasing the trehalose content
TITLE OF INVENTION: of organisms by transforming them with combinations of
TITLE OF INVENTION: the structural genes for trehalose synthase.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3.8%; Score 89.5; DB 1; Length 495; 17.8%; Pred. No. 0.53; Live 53; Mismatches 145; Indels 18
379 IPSVSNALNWREFSFIQSTLGYVALLISTFHVLIYGWKRAFEEEYY 424
                                             --WGENFVHELY 481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: PC-DOS
SOFTWARE: WPS.1 file exported as DOS text file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Diskette, 3.5 inch, 720 Kb
                            FILING DATE: 29 June 1994
APPLICATION NUMBER: PCT/F193/00049
FILING DATE: 15 February 1993
FILING DATE: 28 February 1997
FILING DATE: 28 February 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: LAIN-001
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/08/290,301
FILING DATE: 15 August 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28 February 1992
APPLICATION NUMBER: 07/836,021
FILING DATE: 14 February 1992
KTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                          Palva, Tupio
Holmstrom, Kjell-Ove
Welin, Bjorn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: FI 943133
                                                                                                                                                                   Sequence 2, Application US/08290301
Patent No. 5792921
                                                                                                                                                                                                                                            Londesborough, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Kubovcík, Ronald J.
NAME: Lydon, James C.
REGISTRATION NUMBER: 25,401
REGISTRATION NUMBER: 30,082
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Yes
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ZIP: SF-00101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PO Box 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 83; Conserva
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HYPOTHETICAL:
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STREET: PO
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APPLICANT:
APPLICANT:
                                                                                                                                         US-08-290-301-2
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ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE
MEDIUM TYPE: DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (212) 697-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/651,999A
FILING DATE: MAY 23, 1996
ATTORNEY/AGENT INFORMATION:
NAME: ELIZABETH A. BOGOSIAN
REGISTRATION NUMBER: 39,911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 96700/395
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/08651999A Patent No. 6031088 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           372 FEELISLYAVSDVCLVSST---
                                             Ouery Match 3.8%;
Best Local Similarity 17.8%
Matches 83; Conservative
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                      167 ICSNNIQARQQVIE--
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STATE: NEW YORK
COUNTRY: U.S.A.
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US-08-588-976-2
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                                                                                                                                                                                                                                                                                                      -----WRGPVV----VAISLATFFFLYSFVRDVIHPYARNQQSDFYK---IPIEIVNKTLP 260
                                                                                                                                                                                                                                                                                                                             261 IVAITLESLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFAMVHVAYS 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                 321 LCLPMRRSERYL--PLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTS 378
                EDALTKTNIIFVAIHRE----HYTS-----LWDLRHLLVGKILIDVSNNMRINQYPESNA 130
                                                                                      --EYLASLFPDSL1VKGF----NVVSAWALQLGPKDASRQVY 166
                                                                                                                      137 TFTNEIAKTANNHNDLIHVHDYHLALVPEMLRVKIHEKQLONVKVGWFLN--TPFPSSEIY 194
                                                                                                                                                                                        ---RILPVRQEILKGVLSCDLVGFHTYDYARHFLSSVQRVLNVNTLPNGVEYQGRFVNVG 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -AINEALT 447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/08588976
Patent No. 5891717
GENERAL INFORMATION:
APPLICANT: Christopher B. Newgard, et al.
TITLE OF INVENTION: Methods and Compositions for TITLE OF INVENTION: Inhibiting Hexokinase
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     403 ACQEEKKGSLILSEFTGAAQSLNGAIIVNPWNTDDLSD-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Fussey, Shelley P.M.
REGISTRATION NUMBER: 39.488
REFERENCE/DOCKET NUMBER: UTSD:481/FUS
TELECOMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/588,976
FILING DATE: Concurrently herewith
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOC ---
SOFTWARE: Pater
                                                                                                                                                           167 ICSNNIQARQOV1E------
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LENGTH: 495 amino acids
TYPE: amino acid
STRANDENESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: n/a
INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                 188 ---IPIDLGSLSSARE-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ---IPIDLGSLSSARE----- 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----WRGPVV ---VAISLATFFELYSFVRDVIHPYARNQQSDFYK ---IPIEIVNKTLP 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       312 NEHPEWRGKVVLVQVAVPSRGDVEEYQYLRSVVNELVGRINGQFGTVEFVPIHFMHKSIP 371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               261 IVAITLLSLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFAMVHVAYS 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               321 LCLPMRRSERYL--FLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTS 378
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                                                                                                                                                                                                                                                                                                                                                                               137 TFTNEIAKTMNHNDL1WVHDYHLMLVPEMLRVKIHEKOLQNVKVGWFLH--TPFPSSELY 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ---RILPVRQEILKGVLSCDLVGFHTYDYARHFLSSVQRVLNVNTLPNGVEYQGRFVNVG 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           252 AFPIGIDVDKFTDGLKKESVQKRIQQLKETFKGCKIIVGVDRLDYIKGVPQKLHAMEVFL 311
                                                                           Indels 185: Gaps
       Length 495;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Stefan Somlo and Toshio Mochizuki
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE PKD2 GENE
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      379 IPSVSNALNWREFSFIQSTLGYVALLISTFHVLIYGWKRAFEEEYY 424
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3.8%; Score 89.5; DB 2; 17.8%; Pred. No. 0.53: tive 53; Mismatches 145;
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TELEPHONE:
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                                                                                                             TOPOLOGY:
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                                                                           LENGTH:
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                                                                                                                                                                                                                                                                                                                                448 TGGVIPSWQPQPLKLIRYVIT-FDFFLAACELIFCFFIFYYVVE-------EILEI 495
                                                                                                                                                                                                                                                                                                                                                                                                          496 RIHKLHYFRSFWNCLDVVI--VVLSVV-AIGINIYRTSNVEVLLQFLEDQNTFPNFEHLA 552
                                                                                                                                                                                                                                                                                                                                                                                92 AIHREHY-TSLWDLRHLLVGKILIDVSNNMRINQYPESNAEYLASLFPDSLIVKGFNVVS 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                            151 AWALOLGPKDASRQVYICSNNIQARQQVIELARQLNFIRID--LGSLSS----AREIEN 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 553 YWQIQF------NNIAAVTVFFVWIKLFKFINFNRTMSQLSTTMSRCAKDLFG 599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       204 LPLRLFTLWRGPVVVAISLATFFFL-----YSFVRDVIHPYARNQOSDFYKIPIEIV 255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       600 FAIMFF-----IIFLAYAQLAYLVFGTQVDDFSTFQECIFTQFRILLGDINFAEIEEA 652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   256 NKTL-PIVAITLESLVYLAGLLAAAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFAM 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                      32 TVGVIGSGDFAKSLTIRLIRCGYHVVIGSRNPKFASEFFPHVVDVTHHEDALTKTNIIFV 91
                                                                                                                                                                                                                                                                    85;
                                                                                                                                                                                                                               DB 3: Length 968;
                                                                                                                                                                                                                                                                44; Mismatches 117; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: No. 5863724rls
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
                                                                                                                                                                                                                             Score 89.5;
Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        UMBER: US/08/404,531B
15-MAR-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/08404531B Patent No. 5863724
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NAME: Beardell, Lor1 Y.
REGISTRATION NUMBER: 34,293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: BY TELECOMMUNICATION:
                                                                                                                                                                                                                               3.8%;
             SEQUENCE CHARACTERISTICS:
LENGTH: 968 amino acids
TYPE: amino acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     653 NRVLGPIYETTEVEEMFEI---
                                                                                                                                                                                                                         Query Match
Best Local Simllarity 19.67
Matches 60; Conservative
INFORMATION FOR SEQ ID NO:
                                                                                                                           peptide
NO
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NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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680 INDTYS 685
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                                                                                                                             DESCRIPTION:
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                                                                                                                                                   ; HYPOTHETICAL:
US-08-651-999A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
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US-08-404-531B-9
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GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
Partnie OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypogly
TITLE OF INVENTION: Infancy
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             165 VY-----ICS-----NNIQARQQVIELARQLNFIPIDLGSLSSAREIENLPLRLFT 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.8%: Score 89; DB 2; Length 1582;
20.7%; Pred. No. 3.6:
Live 55; Mismatches 119; Indels 140; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  124 QYPESNAEYLASLFPDSLIVKGFNVV----SAW---ALQLGPK--
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STREET: One Liberty Place 46th, Floor
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APPLICATION NUMBER: US/08/476,900A
FILING DATE: 07-JUN-1995
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No: 6031150
                                                                                                                                                                                                                                      1582 amino acids
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215-568-3100
215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 20.7%
Matches 82; Conservative
                                                TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: protein US-08-404-531B-9
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CITY: Philadelphia
                                                                                                                                                                                                                                                                                                   amino acid
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08488546A
Partent No. 6054313
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela ApplicANT: Thomas, Gilbert Cote, and Robert Gagel
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor Patent No. 6054313
                                                                                                                                                                                                                                                                                                                                                                                                                   1003 KYLSSAGILLISLIVFSQLEKHMYLVAIDYWLAKWTDSALVLSPAARNCSLSQECDLDQS 1062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1215 ---RAFRYEARFQQKLLEYTDSNNIASLFLTAANRWLEVCMEYIGACVVLIAAATSISNS 1271
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          165 VY-----ICS-----NNIQARQQVIELARQLNFIPIDLGSLSSAREIENLPLRLFT 210
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                                                                                                                                                                                                                                                                                                                                                                            124 QYPESNAEYLASLFPDSLIVKGFNVV-----SAW---ALQLGPK-------DASRQ 164
                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 20.7%; Pred. No. 3.6;
Matches 82; Conservative 55; Mismatches 119; Indels 140;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-DOS/MS-DQS
SOFTWARE: PACENTIN RELEASE #1.0, VETSION #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,546A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: Woodcock Washburn Street
STREET: One-Liberty Place 46th, Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1314 RIHALL----KTEAESYE-----GLLAPSLI 1335
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                                       BYLR-0027
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IBM PC compatible
YSTEM: PC-DOS/MS-DQS
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLI
TELECOMMUNICATION INFORMATION:
TELECHONE: 215-568-3100
TELEPAX: 215-568-3439
                      34,293
                                                                                        TELEFAX: 215-300-340,
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
FRNGTH: 1582 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19103
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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NUMBER OF SEQUENCES:
                                                                                                                                                                            amino acid
                                                                                                                                                                                                     Linear
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US-08-488-546A-9
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A GENE ENCODING A HUMAN REDUCED FOLATE
CARRIER (RFC) AND METHODS FOR THE TREATMENT OF
METHOTREXATE-RESISTANT, TRANSPORT-DEFICIENT CANCER CELLS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1063 VYAMVFTLLCSLGIVLCLVTSVTVEWTGLKVAKRLHRSLLNRIILAPMRFFETTPL---- 1118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1215 ---RAFRYEARFOOKLLEYTDSNNIASLFLTAANRWLEVCMEYIGACVVLIAAATSISNS 1271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ----- 348
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             349 WNEEEVWRIEMYISFGIMSLGLLSLLAVTSIPSVSNALNW--REFSFIQSTLGYVALLIS 406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             124 QYPESNAEYLASLFPDSLIVKGFNVV-----SAW---ALQLGPK------DASRQ 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          165 VY-----ICS-----NNIQARQQVIELARQLNFIPIDLGSLSSAREIENLPLRLFT 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            55; Mismatches 119; Indels 140;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 1582;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1314 RIHALL----KTEAESYE-----GLLAPSLI 1335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     407 TFHVLIYGWKRAFEEEYYRFYTPPNFVLALVLPSIV 442
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3000 K Street, N.W., Suite 500
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FILING DATE: 800 CLASSIFICATION: 800 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/404,531 "TING DATE: 15-MARCH-1995" "TING DATE: 16-MARCH-1995" "TING DATE
                                                                                                                                                                                                                                                                                  CLASSIFICATION: 800
ATORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34.293
REFERENCE/DOCKET NUMBER: BYLR-
TELEPOMNUNICATION INFORMATION:
TELEPHQNE: 215-568-3439
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APPLICANT: COWAN, Kenneth H.
APPLICANT: DIXON, Kathy
APPLICANT: HE, Rui
TITLE OF INVENTION: A GENE ENCO
TITLE OF INVENTION: MATHOTRER (RE
TITLE OF INVENTION: MATHOTRER (RE
TITLE OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 3.8%;
Best Local Similarity 20.7%;
Matches 82; Conservative 5
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LENGTH: 1582 amino acids
TYPE: amino acid
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54 GPDKNFTR--DEVINEITPV----LSYSYLAVLV----PVFLLTDYLRYTPVLLLQGLS 102
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     188 IPIDLGSLSSAREIENLPLRLFTLWRGPVVVAISLATFFFLYSFVRDV-----IHPYAR 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 3.8%; Score 88.5; DB 1; Length 591; Best Local Similarity 20.6%; Pred. No. 0.89; Matches 52; Conservative 34: Mismatches 75: Indels 9;
                     COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,840
FILING DATE: US-08/484,840
FILIEPHONE: C3-07/68
FREFERNCE/DOCKET NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 40399/324/NIHD
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; MOLECULE TYPE: protein US-08-484-840-2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          168 ISLAFLTESVVL 199
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Search completed: March 14, 2001, 16:12:42 Job time: 27 sec